

5000

## FEE TRANSMITTAL

Attorney Docket No.:	<b>TPS014-US1</b>	First Named Inventor:	<b>Kanbara, et al.</b>
Application No.:	<b>10/019,587</b>	Filing Date:	<b>December 20, 2001</b>
Examiner:	<b>Unknown</b>	Group Art Unit:	<b>Unknown</b>

Description of Action

This Fee Transmittal sheet is being submitted in connection with the accompanying Response to Notification of Defective Response

Authorization to Charge Deposit Account

The Commissioner for Patents is hereby authorized to charge the indicated fees against, and credit any overpayments to, the following deposit account. The Commissioner is further authorized to charge any additional fees required under 37 CFR §§ 1.16 and 1.17 against the same deposit account.

Deposit Account No: **18-0560**Deposit Account Name: **Tyco Electronics Corporation**

No fee(s) are entered below because it is believed that none are required in connection with this action. However, in the event fee(s) are required, the Commissioner is authorized to charge any fee(s) under 37 CFR §§ 1.16 and 1.17 against the above deposit account. (Check this box only if no fee(s) are entered below.)

Fee Calculations(1) **Filing fee (large entity) (if applicable)**

	Description	Fee Paid (\$)

(2) **Extra claim fees (large entity) (if applicable)**Claims in specification as filed

	No. in Specifica- tion or after Amendment	No. Included in Filing Fee or Pre- viously Paid For	No. Extra (b)	Applicable Fee	Fee Paid
Total Claims		- 20 =		x 18 (ea.)	
Independent Claims		- 3 =		x 84 (ea.)	
Multiple dependent claim(s) presented for first time (c)			No	280	
			Subtotal (2) Extra claim fees		(\$)

(3) **Additional or other fees (large entity) (if applicable)**

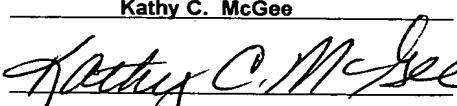
	Description	Fee Paid
	Subtotal (3) Additional or other fees	(\$)

**Total Fees**

Total Fees Submitted (Sum of Subtotals (1), (2), and (3))	(\$)
---	------

This sheet is transmitted in duplicate.**EXPRESS MAIL CERTIFICATION (37 CFR 1.10)**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service in an envelope addressed to the Commissioner for Patents, Washington, DC 20231, on the date indicated below:

Date of deposit: **June 7, 2002**Name (printed): **Kathy C. McGee**Signature: "Express Mail" Mailing Label No. **EF278934037US**

Respectfully Submitted,

Name: **Michael Aronoff, Reg. No. 37,770**Tel: **650-361-5979**Fax: **650-361-5623**Address: Tyco Electronics Corporation  
Intellectual Property Law Dept.  
307 Constitution Drive, MS R20/2B  
Menlo Park, CA 94025-1164

# FEE TRANSMITTAL

Attorney Docket No.:	<b>TPS014-US1</b>	First Named Inventor:	<b>Kanbara, et al.</b>
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## Fee Calculations

**(1) Filing fee (large entity) (if applicable)**

	Description	Fee Paid (\$)

**(2) Extra claim fees (large entity) (if applicable)**

Claims in specification as filed

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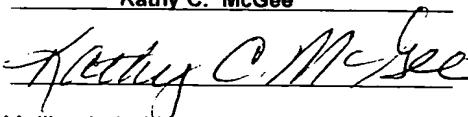
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	Description	Fee Paid
		Subtotal (3) Additional or other fees
		(\$)

**Total Fees**

Total Fees Submitted (Sum of Subtotals (1), (2), and (3))	(\$)
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Date of deposit:	June 7, 2002
Name (printed):	Kathy C. McGee
Signature:	
"Express Mail" Mailing Label No. EF278934037US	

Respectfully Submitted,



Name: Michael Aronoff, Reg. No. 37,770

Tel: 650-361-5979

Fax: 650-361-5623

Address: Tyco Electronics Corporation  
Intellectual Property Law Dept.  
307 Constitution Drive, MS R20/2B  
Menlo Park, CA 94025-1164

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the Matter of the Application of: Kanbara, et al.

For: AN ACOUSTIC CONTACT DETECTING DEVICE

Serial No.: 10/019,587 Filed: December 20, 2001

Examiner: Unknown Group Art Unit: Unknown

**RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE**

Commissioner for Patents  
Box PCT  
Washington, DC 20231

**EXPRESS MAIL CERTIFICATION UNDER 37 CFR §1.10**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to the Commissioner for Patents, Washington, DC 20231.

Express Mail mailing label no. EF278934037US Date of Deposit June 7, 2002

Typed/printed name Kathy McGee Signature Kathy McGee

Sir:

This response is in reply to a Notification of Defective Response mailed May 7, 2002 (Paper No. \_) for the above identified application. This response is being filed within the ONE month shortened statutory period for response set in the Notice.

Charge any fee associated with this response and credit any overcharge to Deposit Account No. 18-0560.

**REMARKS**

On March 1, 2002, Applicants submitted a duly executed Declaration/Power of Attorney for the instant application. A copy of the submission are attached hereto. At this time, Applicants also authorized the Patent Office to charge any fees to a Deposit Account No. 18-0560. Also attached is a copy of the date-stamped postcard from the PTO dated March 13, 2002.

In light of the foregoing statements and the attached papers, it is clear that Applicants have in fact complied with all of the requirements of 35 U.S.C. 371.

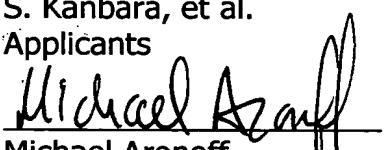
If the Office has any questions regarding the instant application that could be easily resolved by a telephone conference, you are respectfully requested to contact the Applicants' representative at the below listed number.

Respectfully submitted,

S. Kanbara, et al.

Applicants

By:



Michael Aronoff

Registration No. 37,770

Attorney for Applicants

Phone: (650) 361-5979

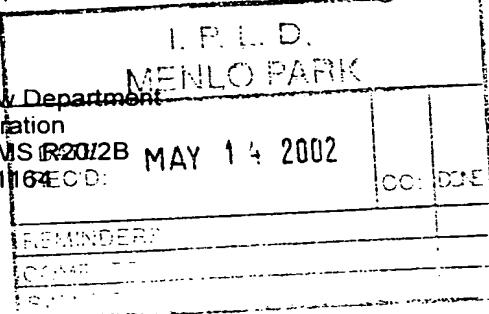
Facsimile: (650) 361-5623



## UNITED STATES PATENT AND TRADEMARK OFFICE

COPY

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO
10/019,587	Shigeki KANBARA	TPS014-US1
		INTERNATIONAL APPLICATION NO
		PCT/JP00/04296
I.A. FILING DATE	PRIORITY DATE	
06/29/2000	06/30/1999	

CONFIRMATION NO. 1699  
371 FORMALITIES LETTER



\*OC000000008024886\*

Date Mailed: 05/07/2002

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- U.S. Basic National Fee
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- English Translation of the IA
- Request for Immediate Examination

**DOCKETED**  
05/14/02 EUS

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- **\$130** Surcharge for providing the oath or declaration later than the appropriate 20 months months from the priority date (37 CFR 1.492(e)) has not been paid in full .

**Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).**

## SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Late oath or declaration Surcharge.

**COPY**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FRANCINE YOUNG

Telephone: (703) 305-3662

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY DOCKET NO
10/019,587	PCT/JP00/04296	TPS014-US1

FORM PCT/DO/EO/916 (371 Formalities Notice)

# COPY

Docket No. TPS014-US1

Application No. 10/019,587

Applicant Kanbara et al.

Title AN ACOUSTIC CONTACT DETECTING DEVICE

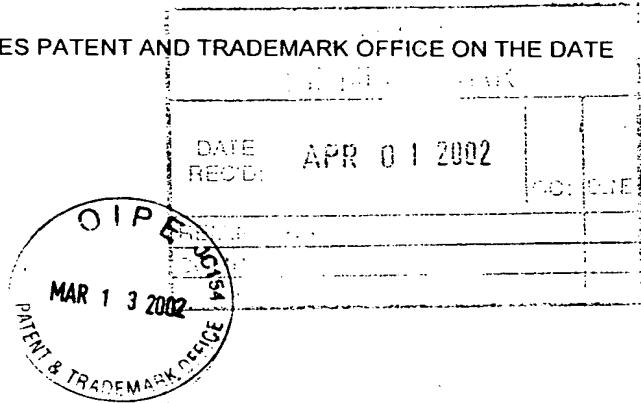
Date Mailed  
March 1, 2002

Attorney  
Michael Aronoff

THE FOLLOWING HAVE BEEN RECEIVED IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ON THE DATE STAMPED HEREON:

FEE SHEET (CHARGE DEPOSIT ACCOUNT), IN DUPLICATE  
 TRANSMITTAL LETTER  
 SPECIFICATION  PROVISIONAL  DESIGN  PCT  
 NEW UTILITY  DIV  CON  CIP  
 \_\_\_\_\_ PAGES DESCRIPTION  \_\_\_\_\_ PAGES CLAIMS  
 \_\_\_\_\_ PAGE ABSTRACT  \_\_\_\_\_ SHEETS OF DRAWINGS  
 DECLARATION & POWER OF ATTORNEY (4 pages total)  
 ASSIGNMENT & COVER SHEET  
 COPY OF NOTICE TO FILE MISSING PARTS  
 PRELIMINARY AMENDMENT  
 INFORMATION DISCLOSURE STATEMENT  
 PTO-1449  WITH CITED ART, AS INDICATED  WITHOUT CITED ART  
 EXTENSION OF TIME (as a separate document)  
 REPLY  
 NOTICE OF APPEAL  APPEAL BRIEF, IN TRIPPLICATE  
 LETTER TO OFFICIAL DRAFTSPERSON & \_\_\_\_\_ SHEETS OF DRAWINGS  
 ISSUE FEE TRANSMITTAL & PTO-85B  
 CERTIFICATE OF CORRECTION  
 PCT FEE SHEET  
 PCT REQUEST  GENERAL POWER OF ATTORNEY  
 PCT DEMAND  EXPRESS MAIL CERTIFICATE (as a separate document)

OTHER:



# COPY

Sheet 1

## DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

Docket Number  
TPS014-US1

My residence, post office address, and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### AN ACOUSTIC CONTACT DETECTING DEVICE

the specification of which is attached hereto unless the following box is checked:

was filed on 29 June 2000 as United States Application Number or PCT International Application Number PCT/JP00/04296 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

#### Prior Foreign Application(s)

<u>11-186419</u> (Number)	<u>Japan</u> (Country)	<u>30 June 1999</u> (Day/Month/Year Filed)
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)

#### Priority Claimed

Yes  No  
 Yes  No  
 Yes  No  
 Yes  No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications listed below.

<u>(Application Number)</u>	<u>(Filing Date)</u>
_____	_____
_____	_____
_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>(Application Number)</u>	<u>(Filing Date)</u>	<u>(Status — patented, pending, abandoned)</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

# COPY

Sheet 2

## DECLARATION FOR PATENT APPLICATION (continued)

Docket Number  
TPS014-US1

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Marguerite E. Gerstner (Reg. No. 32,695)  
Sheri M. Novack (Reg. No. 32,528)  
Michael J. Aronoff (Reg. No. 37,770)

Address all telephone calls to  
and all correspondence to the same at

**Michael J. Aronoff, Telephone No. 650-361-5979**  
**Tyco Electronics Corporation**  
**Intellectual Property Law Dept.**  
**307 Constitution Drive, MS R20/1B**  
**Menlo Park, CA 94025-1164**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name)

**Shigeki KANBARA**

Inventor's signature

*Shigeki Kanbara*

Date 2/20/2002

Citizenship

Japan

49-13 Katsubaracho Katsubara-Ku

Residence

500-426, Kamiyote, Yobeku, Himeji-Shi, Hyogo 671-1262, Japan

Post Office Address

Same as above

Full name of second joint inventor, if any (given name, family name)

**Hiroshi KANEDA**

Inventor's signature

*Hiroshi Kaneda*

Date 2/20/2002

Citizenship

Japan

Residence

756, Takata, Aboshiku, Himeji-Shi, Hyogo 671-1226, Japan

Post Office Address

Same as above

Full name of third joint inventor, if any (given name, family name)

**Keiichi KAMON**

Inventor's signature

Japan

Date

Citizenship

1-7-9, Ichibanishi, Izumisano-Shi, Osaka 598-0006, Japan

Residence

Same as above

Full name of fourth joint inventor, if any (given name, family name)

Inventor's signature

Japan

Date

Citizenship

Japan

Residence

Same as above

Post Office Address

Same as above

Full name of fifth joint inventor, if any (given name, family name)

Inventor's signature

Japan

Date

Citizenship

Japan

Residence

Same as above

Post Office Address

Same as above

Additional inventors are being named on separately numbered sheets attached hereto.

Additional application(s) under which priority benefits are claimed under 35 USC §§119(a)-(d), 119(e) and/or 120 are identified on a sheet attached hereto.

**COPY**

Sheet 2

**DECLARATION FOR PATENT APPLICATION (continued)**Docket Number  
TPS014-US1

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Marguerite E. Gerstner (Reg. No. 32,695)  
Sheri M. Novack (Reg. No. 32,526)  
Michael J. Aronoff (Reg. No. 37,770)

Address all telephone calls to Michael J. Aronoff, Telephone No. 650-361-5979  
and all correspondence to the same at Tyco Electronics Corporation  
Intellectual Property Law Dept.  
307 Constitution Drive, MS R20/1B  
Menlo Park, CA 94025-1164

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) Shigeki KANBARA

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Citizenship Japan  
Residence 500-426, Kamiyobe, Yobeku, Himeji-Shi, Hyogo 671-1262, Japan  
Post Office Address Same as above

Full name of second joint inventor, if any (given name, family name) Hiroshi KANEDA

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Citizenship Japan  
Residence 756, Takata, Aboshiku, Himeji-Shi, Hyogo 671-1226, Japan  
Post Office Address Same as above

Full name of third joint inventor, if any (given name, family name) Keiichi KAMON

Inventor's signature Keiichi Kamon Date 8 February 2002  
Citizenship Japan  
Residence 1-7-9, Ichibanishi, Izumisano-Shi, Osaka 598-0006, Japan  
Post Office Address Same as above

Full name of fourth joint inventor, if any (given name, family name) \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Residence \_\_\_\_\_  
Post Office Address Same as above

Full name of fifth joint inventor, if any (given name, family name) \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Residence \_\_\_\_\_  
Post Office Address Same as above

Additional inventors are being named on separately numbered sheets attached hereto.

Additional application(s) under which priority benefits are claimed under 35 USC §§119(a)-(d), 119(e) and/or 120 are identified on a sheet attached hereto.